

Pujan Bade

Bhaktapur, Nepal 44811 | +977 9849930319 | poojanbade75@gmail.com | linkedin.com/in/pujan-bade |
pujanbade.netlify.app | github.com/77Poojan

EDUCATION

Madan Bhandari Memorial College (Tribhuvan University)

Kathmandu, Nepal

Bachelor of Science — Computer Science and Information Technology, GPA: 3.38/4.0

Dec 2016 – Dec 2020

Relevant Coursework: Operating Systems, Data Structures, Analysis of Algorithms, Artificial Intelligence, Theory of Computation, Computer Networks, Databases, Linear Algebra, Statistics, Discrete Structure, System Design and Analysis

SKILLS SUMMARY

Programming: Python, JavaScript, Go, SQL

Frameworks: Django, Flask, Node.js, Next.js

Libraries: Pandas, NumPy, Scikit-learn, Matplotlib

Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, Git, GitHub, GitLab, DigitalOcean

Databases & Tools: PostgreSQL, MySQL, SQLite, Redis, Firebase, Google Analytics

Operating Systems: Linux, Windows

PROFESSIONAL EXPERIENCE

Full Stack Developer (Remote)

Mar 2026 – Present

Freelancer

Bhaktapur, Nepal

Envirorisk — enviorisks.com

- Designed and developed an environmental risk consulting platform in Next.js, integrating AI models to generate automated risk summaries and support data-driven decision-making.
- Built real-time monitoring of regulatory changes, market intelligence, and SME risk signals to strengthen environmental risk assessment and advisory capabilities.
- Configured Google Analytics and Tag Manager for custom event tracking, measuring engagement and adoption of the Risk Assessment and AI Analysis tools.

Senior Software Engineer — Team Lead / Project Lead / DevOps

Jan 2025 – Jan 2026

Nexsewa

Kathmandu, Nepal (On-site)

Thinkmart — thinkmart.com.au

- Designed the backend architecture and real-time delivery-tracking system for a scalable e-commerce platform using Django, Node.js, PostgreSQL, and Redis.
- Automated vendor and store onboarding, cutting manual setup time by 60% through structured documentation and deployment coordination.
- Implemented secure payment processing with Stripe Payment Intents, improving transaction reliability and the overall checkout experience.

Labasam — labasam.com

- Designed a ride-sharing and courier platform with safety-focused features, including a dedicated “pink mode” and SOS alerts.
- Provisioned scalable AWS infrastructure (EC2, VPC, subnets, RDS) with Terraform, reducing deployment errors through structured configuration management.
- Integrated BullMQ with Redis for asynchronous background job processing, cutting ride-booking response times by 90%.

Ayomomo (UK)

- Built a platform for discovering and ordering from local restaurants and home kitchens, covering full-stack design and backend architecture.
- Implemented geohashing to identify nearby kitchens, optimizing delivery routing and reducing fulfillment time.

Bizzyone

- Built a multi-platform marketplace with administrative moderation tools, secure communication channels, and subscription-based access controls.
- Engineered a multi-query search system that reduced redundant API calls and significantly improved search performance.

Senior Software Engineer — Project Lead / DevOps / System Architect
Quickfox Consulting

Jun 2024 – Jan 2025
Kathmandu, Nepal (On-site)

QuickRPA (Quick Robotic Process Automation)

- Led development of Python-based RPA bots for Siddhartha Bank and Nepal Bank, automating debit/credit card processing, loan operations, and revenue management workflows.
- Reduced manual processing workload by 37% through structured automation logic and workflow optimization.

QuickSamachar

- Served as System Architect for a mobile news aggregation platform, improving system performance by 50% through Redis caching, query optimization, and database indexing.
- Designed scalable data storage on AWS S3 with automated cron-based lifecycle management, reducing active memory usage by 66%.

QuickXtract

- Built a backend for automated document form editing and structured data extraction using VQA models (Pix2Struct) to answer targeted queries from document images.
- Applied image preprocessing and augmentation (noise reduction, contrast enhancement), improving model accuracy by 33%.

Software Engineer — Project Lead / DevOps / System Architect
Techkunja

Jun 2022 – May 2024
Lalitpur, Nepal (On-site)

RIO Application

- Built a high-accuracy real-time tracking and monitoring system for Singapore-based Rio Technologies using geohashing, achieving 98% location precision.
- Optimized Redis caching for geohash data, improving processing efficiency by 33% and system responsiveness.
- Documented system architecture and deployment configurations to support maintenance and team collaboration.

Python Trainee and Associate Software Engineer
Bajra Technologies

Jul 2021 – May 2022
Kathmandu, Nepal (On-site)

Data Visualization Platform

- Built a data visualization web application for CIMMYT to support crop optimization and biomaterial supply analysis.
- Developed interactive dashboards with Django and Plotly.js, improving biomaterial soil analysis efficiency by 96%.
- Processed large GeoJSON datasets for Nepal, India, and Bangladesh using Pandas, reducing redundant field visits by 90%.

LICENSES AND CERTIFICATIONS

- Python — [HackerRank](#)
- SQL — [HackerRank](#)
- Machine Learning — [Coursera](#)
- Anthropic MCP (Model Context Protocol) — [Anthropic](#)
- AWS AI Practitioner Challenge — [Udacity](#)